

# MATERIAL SAFETY DATA SHEET

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MSDS # 126018001

## DRANO® CRYSTALS

Date Issued: 04Feb2002

Supersedes: 26Jan1999

### US MANUFACTURER:

S.C. Johnson & Son, Inc.  
Phone: (800) 725-6737  
Racine, Wisconsin 53403-2236  
Emergency Phone: (888) 779-7920

### CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited  
Phone: (800) 725-6737  
1 Webster Street  
Brantford, Ontario N3T 5R1  
Transportation Emergency:  
CANUTEC (collect) (613) 996-6666  
Poison Control: (888) 779-7920

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
4-Very High	3	Health	3	S.C. Johnson and Son, Limited
3-High	0	Flammability	0	Phone: (800) 725-6737
2-Moderate	1	Reactivity	1	1 Webster Street
1-Slight		Special		Brantford, Ontario N3T 5R1
0-Insignificant				

## SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... DRANO® CRYSTALS  
REASON FOR CHANGE..... No significant changes.  
PRODUCT USE..... Household: Cleaning product

UPC	SCJ CODE	QUANTITY	US SIZE	CANADIAN SIZE
59200 00587	55587	12		350 GM
59200 00588	55588	12		500 GM

## SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Aluminum Flakes (CAS# 7429-90-5).....	1-5	10 mg/m <sup>3</sup> TLV-TWA
Sodium Chloride (CAS# 7647-14-5).....	7-13	10 mg/m <sup>3</sup> ACGIH TWA (DUST) , 15 mg/m <sup>3</sup> OSHA TWA (TOTAL DUST) 5 mg/m <sup>3</sup> OSHA TWA (RESPIRABLE DUST)
Sodium Nitrate (CAS# 7631-99-4).....	15-40	NOT ESTABLISHED
Sodium Hydroxide (CAS# 1310-73-2).....	30-60	2 mg/m <sup>3</sup> ACGIH/OSHA CEILING

## SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Eye contact. Skin contact.

### EFFECTS OF ACUTE EXPOSURE:

EYE..... Corrosive: May cause: Permanent eye damage.  
SKIN..... Corrosive: May cause: Chemical burns.  
INHALATION..... None known.  
INGESTION..... May be fatal if swallowed. May cause: Severe damage to the digestive tract.

MEDICAL CONDITIONS..... None known.

GENERALLY RECOGNIZED  
AS BEING AGGRAVATED  
BY EXPOSURE

## SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Rinse immediately with water. Remove contact lenses, then flush with water for 20 minutes. Seek immediate medical attention.

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### SECTION 4 - FIRST AID MEASURES (continued)

SKIN CONTACT..... Immediately remove contaminated clothing, shoes & leather goods. Flush immediately with plenty of water for at least 15 to 20 minutes. Seek immediate medical attention.

INHALATION..... No special requirements.

INGESTION..... Rinse mouth immediately. Immediately drink 1-2 glasses of water or milk. Do not induce vomiting! Seek immediate medical attention.

### SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... None.

FLAMMABLE LIMITS..... Not applicable.

AUTOIGNITION..... Not applicable.

TEMPERATURE

EXTINGUISHING MEDIA.... CO2. Dry chemical.

SPECIAL FIREFIGHTING... Fire fighters should wear self-contained breathing apparatus and protective clothing. In case of fire, do not use water.

PROCEDURES

UNUSUAL FIRE AND..... Corrosive Material (See Sections 8 and 10).

EXPLOSION HAZARDS

### SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Sweep or scrape up and containerize.

CASE MATERIAL IS

RELEASED OR SPILLED

### SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... Poison. May be fatal if swallowed. Causes severe eye and skin damage. Contains: sodium hydroxide. Danger of irreversible eye damage. Avoid contact with skin, eyes and clothing. Read and follow all label directions. Keep out of reach of children.

INFORMATION

OTHER HANDLING AND.... Store in a cool, dry place with adequate ventilation.

STORAGE CONDITIONS

### SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions.

VENTILATION..... No special requirements.

PROTECTIVE GLOVES..... No special requirements under normal use conditions.

EYE PROTECTION..... No special requirements under normal use conditions.

OTHER PROTECTIVE..... No special requirements.

MEASURES

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... White

PRODUCT STATE..... Crystals.

ODOR..... Characteristic

pH..... > 12.5

ODOR THRESHOLD..... Not available.

SOLUBILITY IN WATER.... Complete

SPECIFIC GRAVITY..... 1.2

(H2O=1)

VAPOR DENSITY (AIR=1).. Not applicable.

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### ----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

EVAPORATION RATE (BUTYL Not applicable.  
ACETATE=1)  
VAPOR PRESSURE (mm HG). Not applicable.  
BOILING POINT..... Not applicable.  
FREEZING POINT..... Not applicable.  
COEFFICIENT OF..... Not applicable.  
WATER/OIL  
PERCENT VOLATILE BY.... Not applicable.  
VOLUME (%)  
VOLATILE ORGANIC..... Not applicable.  
COMPOUND (VOC)  
THEORETICAL VOC..... Not applicable.  
(LB/GAL)

### ----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY..... Stable  
STABILITY - CONDITIONS. No special requirements.  
TO AVOID  
INCOMPATIBILITY..... Strong acids (eg., muriatic acid).  
HAZARDOUS DECOMPOSITION Not available.  
PRODUCTS  
HAZARDOUS..... Will not occur.  
POLYMERIZATION  
HAZARDOUS..... Not applicable.  
POLYMERIZATION -  
CONDITIONS TO AVOID

### ----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

LD50 (ACUTE ORAL TOX).. Corrosive  
LD50 (ACUTE DERMAL TOX) Not available.  
LC50 (ACUTE INHALATION. Not available.  
TOX)  
EFFECTS OF CHRONIC..... None known.  
EXPOSURE  
SENSITIZATION..... None known.  
CARCINOGENICITY..... None known.  
REPRODUCTIVE TOXICITY.. None known.  
TERATOGENICITY..... None known.  
MUTAGENICITY..... None known.

### ----- SECTION 12 - ECOLOGICAL INFORMATION -----

ENVIRONMENTAL DATA..... Not available.

### ----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL..... Waste from normal product use may be sewered to a public-owned  
INFORMATION treatment works (POTW) in compliance with applicable Federal/  
Provincial/ State/ Local/ Municipal pretreatment requirements.

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### ----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Not applicable.  
CANADIAN SHIPPING NAME. DRANO  
TDG CLASSIFICATION..... Not applicable.  
PIN/NIP..... Not applicable.  
PACKING GROUP..... Not applicable.  
EXEMPTION NAME..... Consumer commodity

### ----- SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... Not applicable.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

### ----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. Use as directed.  
EPA REGISTRATION #..... Not applicable.

### ----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1  
(Manufacturer) for contact information.

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